

Attendance: Vincent Salomonson, Chris Moeller, Zhengming Wan, Bill Barnes, Gerhard Meister, Gene Eplee, Sadashiva Devadiga, James Kuyper, Gary Toller, Junqiang Sun, Hongda Chen, Aisheng Wu, Jack Xiong, Brian Wenny

Scheduled Agenda**Item 1: Recent L1B LUT delivery**

- Terra forward update – 5.0.6.34 (9/7/07) – m1, RVS

Item 2: Instrument status

- Terra and Aqua MODIS are in nominal operations.

Item 3: MCST recent activities

- L1B Data Processing Failure – at ~3pm on Tues 9/18 MODAPS Terra PGE02 failed. The problem was traced to a hard coded limitation in the L1B code on the RVS_correction – allowable limits 0.8 – 1.2. Early in the mission it was not anticipated that these limits would be reached, however due to degradation the RVS for Band 8 dropped below the 0.8 limit causing a code failure. MCST rechecked the latest RVS LUT delivery and verified its accuracy. The quick fix implemented was an expansion of the limits to 0.4 -2.4. This allowed processing to resume with an updated L1B code on Thursday (9/20) evening. No data was lost and processing had recovered and returned to normal by Monday 9/24. The newly delivered Terra PGE02 is v5.0.38. The PCR documentation is in process. Ocean processing experienced a similar code failure and was back up and running as of Tues 9/25.
Lessons learned from incident: 1) once decision is made on a code fix, L1B/MCST should notify Ocean Group and Direct Broadcast Community of that decision so they can implement any necessary changes in their codes. 2) An alert or message regarding the nature of the problem should be posted to the MCST(?) webpage so users informed of the situation. 3) the implementation of limits in the L1B code on LUT coefficients should be re-evaluated for a possible change in strategy for Collection 6.
- Terra Band 27 Detector 3 noisy performance has continued as discussed at previous MsWG (9/12). This detector will be flagged as noisy in the next Terra QA LUT update.

Item 4: Around the Table

- Gerhard: Ocean group focusing on the Terra Ocean Color product for the next few months. They will use lunar m1 data and derive RVS from EV and SeaWiFS data (thus ignoring SD data) for production of Terra Ocean Color data.
- Vince still waiting from guidelines from HQ before setting date from next MODIS Science Team meeting – possibly joint meeting with NPP and unlikely to happen before early 2008.

Next Meeting: ~Oct. 10, 2007